

processing. After the barrier ridges are affixed to the frame. The tension mask is mounted to the mask frame. The barrier ridges are affixed to the frame inside the frame and directly under and in contact with the mask strands. When the tension mask is mounted to the mask frame, the barrier ridges lay inside the mask frame, and between the mask frame and the array region of the tension mask that produces visible image on the screen. The mask strands are in frictional contact with the barrier ridge. They may also be adhered to the ridge by a suitable adhesive such as one sold under the trademark KASIL™ containing potassium silicate.

Please replace the full paragraph beginning on page 3, line 26 with the following:

FIG. 1 shows a cathode ray tube 10 having a glass envelope 12 comprises a rectangular faceplate panel 14 and a tubular neck 16 connected by a rectangular funnel 18. The funnel 18 has an internal conductive coating (not shown) that extends from an anode button 20 to a neck 16. The panel 14 comprises a viewing faceplate 22 and a peripheral flange or sidewall 24 that is sealed to the funnel 18 by a glass sealing frit 26. A three-color phosphor screen 28 is carried by the inner surface of the faceplate 22. The screen 28 is a line screen with the phosphor lines arranged in triads, each triad including a phosphor line of each of the three colors. A cylindrical tension mask assembly 30 is removably mounted in a predetermined spaced relation to the screen 28. The mask may be either a tension focus mask or a tension mask. An electron gun 32 (schematically shown by the dashed lines in FIG. 1) is centrally mounted within the neck 16 to generate three in-line electron beams, a center beam and two side beams, along convergent paths through the mask assembly 30 to the

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screen 28.

Please replace the full paragraph beginning on page 4, line 16 with the following:

A strand tension focus mask assembly 30, shown in greater detail in FIG. 2, includes two long sides 36 and 38 and two short sides 40 and 42. The two long sides 36 and 38 of the mask assembly parallel a central major axis, x, of the tube. The tension mask assembly 30 includes two sets of conductive lines: strands 44 that are parallel to the central minor axis y and to each other; and crosswires 46, that are parallel to the central major axis x and to each other. The crosswires 46 are coupled to busbars (not shown) on their distal ends and lie above the mask strands. In one embodiment, the strands 44 are flat strips that extend vertically, having a width of about 13 mils and a thickness of about 2 mils, and the crosswires 46 have a round cross section, having a diameter of approximately 1 mil and extend horizontally. In the completed mask, the strands 44 and crosswires 46 are separated from each other by a suitable insulator such as lead frit.

#### IN THE CLAIMS

Please amend the following claims.

1. (Amended) A tension mask assembly for a cathode ray tube having a screen, said tension mask comprising:
- a mask frame including a first pair of frame members disposed at opposite ends, respectively, of said mask frame;
  - a plurality of mask strands disposed between said first pair of frame members and affixed to said pair of frame members in a manner to produce tension in said mask strands; and